

12/26/01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Attorney Docket No.    | VGEN.P-029-2                                      |
| First Inventor         | Shipman                                           |
| Title                  | Methods and Reagents for Testing for Mutations in |
| Express Mail Label No. |                                                   |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 73]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. ☒ Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: **Terminal Disclaimers (2)**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 08, 649,950

Prior application information

Examiner: L. Arthur

Group Art Unit 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

PATENT TRADEMARK OFFICE

Address

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State

Zip Code

Country

Telephone

970-468-6600

Fax

970-468-0104

Name (Print/Type)

Marina T. Larson, Ph.D.

Registration No. (Attorney/Agent)

32,038

Signature

Marina T. Larson

Date

12/26/2002

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number TBA  
Filing Date Herewith  
First Named Inventor Shipman  
Examiner Name L. Arthur  
Group Art Unit 1655  
Attorney Docket No. VGEN.P-028-2

TOTAL AMOUNT OF PAYMENT

(\$)

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

Oppedahl & Larson LLP

Deposit  
Account  
Name

15-0610

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee  
106 330 206 165 Design filing fee  
107 510 207 255 Plant filing fee  
108 740 208 370 Reissue filing fee  
114 160 214 80 Provisional filing fee

Fee Paid

370

SUBTOTAL (1) (\$ 370

### 2. EXTRA CLAIM FEES

Total Claims 13 -20\*\* = 0 X Fee from below =  
Independent Claims 2 -3\*\* = 0 X Fee Paid =  
Multiple Dependent =

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20  
102 84 202 42 Independent claims in excess of 3  
104 280 204 140 Multiple dependent claim, if not paid  
109 84 209 42 \*\* Reissue independent claims  
over original patent  
110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patent

SUBTOTAL (2) (\$ 00

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large<br>Entity<br>Fee<br>Code               | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description                                                            | Fee Paid |
|----------------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------------------------------------------------|----------|
| 105                                          | 130                            | 205                            | 65                             | Surcharge - late filing fee or oath                                        |          |
| 127                                          | 50                             | 227                            | 25                             | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                                          | 130                            | 139                            | 130                            | Non-English specification                                                  |          |
| 147                                          | 2,520                          | 147                            | 2,520                          | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112                                          | 920*                           | 112                            | 920*                           | Requesting publication of SIR prior to Examiner action                     |          |
| 113                                          | 1,840*                         | 113                            | 1,840*                         | Requesting publication of SIR after Examiner action                        |          |
| 115                                          | 110                            | 215                            | 55                             | Extension for reply within first month                                     |          |
| 116                                          | 400                            | 216                            | 200                            | Extension for reply within second month                                    |          |
| 117                                          | 920                            | 217                            | 460                            | Extension for reply within third month                                     |          |
| 118                                          | 1,440                          | 218                            | 720                            | Extension for reply within fourth month                                    |          |
| 128                                          | 1,960                          | 228                            | 980                            | Extension for reply within fifth month                                     |          |
| 119                                          | 320                            | 219                            | 160                            | Notice of Appeal                                                           |          |
| 120                                          | 320                            | 220                            | 160                            | Filing a brief in support of an appeal                                     |          |
| 121                                          | 280                            | 221                            | 140                            | Request for oral hearing                                                   |          |
| 138                                          | 1,510                          | 138                            | 1,510                          | Petition to institute a public use proceeding                              |          |
| 140                                          | 110                            | 240                            | 55                             | Petition to revive - unavoidable                                           |          |
| 141                                          | 1,280                          | 241                            | 640                            | Petition to revive - unintentional                                         |          |
| 142                                          | 1,280                          | 242                            | 640                            | Utility issue fee (or reissue)                                             |          |
| 143                                          | 460                            | 243                            | 230                            | Design issue fee                                                           |          |
| 144                                          | 620                            | 244                            | 310                            | Plant issue fee                                                            |          |
| 122                                          | 130                            | 122                            | 130                            | Petitions to the Commissioner                                              |          |
| 123                                          | 50                             | 123                            | 50                             | Processing fee under 37 CFR 1.17(q)                                        |          |
| 126                                          | 180                            | 126                            | 180                            | Submission of Information Disclosure Stmt                                  |          |
| 581                                          | 40                             | 581                            | 40                             | Recording each patent assignment per property (times number of properties) |          |
| 146                                          | 740                            | 246                            | 370                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                                          | 740                            | 249                            | 370                            | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                                          | 740                            | 279                            | 370                            | Request for Continued Examination (RCE)                                    |          |
| 169                                          | 900                            | 169                            | 900                            | Request for expedited examination of a design application                  |          |
| Other fee (specify) Terminal Disclaimers (2) |                                |                                |                                |                                                                            | 110      |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Marina T. Larson Ph.D. Registration No (Attorney/Agent) 32,038 Telephone 970-468-6600  
Signature Marina T. Larson Date 12/26/2001

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